

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 8		
2. AMENDMENT/MODIFICATION NO. A001		3. EFFECTIVE DATE August 17, 2015		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY AMERICAN EMBASSY NEW DELHI 9000 NEW DELHI PL, ATTN: S/GSO WASHINGTON DC 20521-9000 UNITED STATES		CODE		7. ADMINISTERED BY (If other than Item 6) AMERICAN EMBASSY NEW DELHI 9000 NEW DELHI PL, ATTN: S/GSO WASHINGTON UNITED STATES		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (NO., street, city, county, State, and ZIP Code)				9a. AMENDMENT OF SOLICITATION NO. S-IN650-15-Q-0114			
				9b. DATED (SEE ITEM 11) August 5, 2015			
				10a. MODIFICATION OF CONTRACT/ORDER NO.			
				10b. DATED (SEE ITEM 13)			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<p>[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [X] is extended, [] is not extended</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.</p> <p>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor [] is not, [] is required to sign this document and return <u> </u> copy to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
<p>The subject solicitation is hereby amended as below:</p> <p>1) Block 8 of the subject solicitation is hereby modified to extend the hour and date for receipt of offers until 1500 hours local time by August 19, 2015.</p> <p>2) Response to questions; (section 1) (see page 2)</p> <p><i>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</i></p>							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME OF CONTRACTING OFFICER			
				Kris Arvind			
15B. NAME OF CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
BY _____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)			

SECTION 1.) Response to Submitted Questions

Pre Bid Queries

RFQ NUMBER S-IN650-15-Q-0114

	Point in the RFP	Query
1	CLIN 1: 6 MB Leased Line – New Delhi - Chennai CLIN 2: 6 MB Leased Line – New Delhi – Hyderabad CLIN 3: 8 MB Leased Line – New Delhi – American Center, New Delhi CLIN4: 2 MB Leased Line – New Delhi – American Center, New Delhi	<u>Qus.</u> Bidder's understating is that 4 different links are required, with the end locations as mentioned. <u>Ans. - Yes</u>
2	<ol style="list-style-type: none"> 1. 6 mbps Dedicated (Not shared or Bundled Internet Connection) 2. 1:1 3. Synchronized 4. Unlimited data transfer 5. Fiber optic terrestrial connectivity. 6. Latency < 40ms 7. Link availability 99.5% 8. Packet loss <= 0.5% 9. Fiber Optic connection to ISC server room 10. 10/100 Fiber Optic to RJ45 Ethernet converter 11. ISP availability: "Always on" 12. ISP connection must NOT repeat NOT use Network Address Translation (NAT). 13. ISP must permit all IP protocols (including but not limited to UDP, TCP, and IPSEC) to transit without filters or proxies. Unfiltered access to the Internet is required without ISP firewall blocking. 14. ISP must permit installation of Customer VPN encryption devices on circuit 15. ISP must permit ping and trace route traffic from 169.252.0.0/16 and 169.253.0.0/16 to the ISP connection (RJ45 10/100BaseT router interface which terminates Customer VPN encryption device). 16. 24/7 technical support including customer access to real time performance monitoring tools and reports via the internet. 17. Account Manager response to questions within two working days 	<p><u>Qus.</u> - Please let us know if the requirement is of which of the 3 services mentioned below.</p> <ol style="list-style-type: none"> 1. Internet Leased Line 2. Point to Point Ethernet (Layer-2) 3. Point to Point Link (Layer-1) <p>All these are 3 different services and different from each other.</p> <p>Some of the features as mentioned in the scope are related to Internet and some are related to Layer-1 / Layer- 2 links.</p> <p>Bidder will like to understand that the exact service required, in order to work on the same.</p> <p><u>Ans. - Point to Point Ethernet</u></p>
3	In the Demark room of the Chancery, there are DLC's installed from different service providers. Once the 2MB circuit is activated at the DLC, the role of the service provider is to extend this 2MB circuit on a four-wire copper cable, at a distance of 40meters to the telecom equipment located in the frame room. All manual labor and conduit-work for laying the cable will be performed by the vendor/contractor under the direct supervision and guidance of IRM/Telecom Techs.	<p><u>Qus.</u> - TCL understands the physical demark for bidder will be the MUX placed at U.S. Embassy's location. Any in-building cables and the cabling will be customer's responsibility. Also, the scope related to 4-wire Copper needs to be understood, as it will depend upon the kind of service required. Please provide concurrence.</p> <p><u>Ans. The connection is a 2MB circuit</u></p>

		<u>with 30 channels between American Embassy and the American Center. This will allow the Embassy operations to receive and transfer calls</u>
4	At present, the Demark Room is located on the second floor behind library section. Once the 2MB circuit is activated at this location, the role of the service provider is to extend this 2MB circuit on a four-wire copper cable, at a distance of 80meters to the telecom equipment located in the basement frame room. All manual labor and conduit-work for laying the cable will be performed by the vendor/contractor under the direct supervision and guidance of FMS and IRM/Telecom Techs.	<p><u>Qus.</u> - TCL understands the physical demark for bidder will be the MUX placed at U.S. Embassy's location. Any in-building cables and the cabling will be customer's responsibility. Also, the scope related to 4-wire Copper needs to be understood, as it will depend upon the kind of service required. Please provide concurrence.</p> <p><u>Ans.</u>The connection is a 2MB circuit with 30 channels between American Embassy and the American Center. This will allow the embassy operations to receive and transfer calls.</p>
5	The Department of State has a requirement for one full period, full duplex, clear channel, digital circuit capable of supporting synchronous speeds between 1 mbps and 20 mbps between the Main Distribution Frame (MDF) of American Embassy New Delhi and the Main Distribution Frame (MDF) of the attached CLIN's in the Annexure. The circuit shall be completely transparent with no bits added to or deleted from the bit stream provided to the interface of the Department of State equipment. The circuit shall be supplied for the transmission of a multiplexed aggregate bit stream for telegraphic and data signals.	<p><u>Qus.</u> - Bidder will like to understand the "Clear channel" requirement. Does it mean a pure Point to Point Layer-1 link?</p> <p><u>Ans.</u>Clear Channel is the ISP must permit all IP protocols (including but not limited to UDP, TCP, and IPSEC) to transit without filters or proxies. Unfiltered access is required without ISP firewall blocking</p> <p><u>Qus.</u> - Bandwidth requirement is to be considered as per the CLIN requirements mentioned in the previous point. Or does the bidder need to work on BW from 1 to 20Mbps for all the links.</p> <p><u>Ans.</u> - Current bandwidth requirements are as per CLIN but provision is to be made for upgrade upto 20Mbps</p>
6	<p>The desired intervals for circuit bandwidth are as follows:</p> <ol style="list-style-type: none"> 1. 1mbps 2. 2mbps 3. 4mbps 4. 6mbps 5. 8mbps 6. 10mbps 	<p><u>Qus.</u> BW ranges are mentioned from 1Mb to 20 Mb. Bidder will line to understand the actual BW requirement</p> <p><u>Ans.</u> - As mentioned earlier bandwidth is as per CLIN but prices have to be provided of upgrades if made for these speeds.</p> <p>Also, the bandwidth for layer-1 links will be TDM based.</p>
7	B. This digital service shall be via whatever facilities are available to the Contractor. NOTE: Double satellite hops are not acceptable. The Internet connections must be Fiber Optic Submarine cable to the US. In country circuits will be fiber optic to the MDF's of the CLIN's as mentioned in the Annexure. The service shall be for the exclusive use of the	<p>All the services are dedicated service, however, the actual service required needs to be confirmed.</p> <p><u>Ans.</u> - P2P link</p>

	Department of State, 24-hours per day, 7 days per week, and 52 weeks per year. No on premise satellite ground station will be considered for this circuit.	
8	F. The circuit shall be completely transparent, with no bits added to or deleted from the bit stream provided to the interface of the Department of State equipment. The circuit shall be supplied for the transmission of a multiplexed aggregate bit stream for telegraphic and data signals. All other characteristics will be in accordance with International Telegraph and Telephone Consultative Committee (CCITT) specifications.	<p>Qus.- Bidder will like to understand the “Clear channel” requirement. Does it mean a pure Point to Point Layer-1 link?</p> <p>Ans. - Point to Point Ethernet</p>
9	G. The Contractor shall supply a Data Service Unit(s) (DSUs) configured with a Data Communications Equipment (DCE) interface. Signal element timing provided to the U.S. Embassy will be provided by the Contractor’s facility.	<p>Qus. - Bidders understands that Bidders’s demark will be the MUX place in U.S. Embassy’ location.</p> <p>Bidder will like to convey that any Switch/Router is not provided by Bidder for the Point to Point Ethernet (Layer-2) and Point to Point Private Line (Layer-1).</p> <p>For Internet services, bidder may provide and manage a CPE router for the link termination. Please confirm if any such CPE router is required by U.S. Embassy.</p> <p>Ans. - Embassy requires a Ethernet RJ45 (10/100mbps) handout from the ISP</p>
10	I. Services. This is a firm fixed-price contract for the lease of one full period, full duplex, clear channel, digital circuit capable of supporting synchronous upto 20 mbps. The circuit shall be completely transparent with no bits added to or deleted from the bit stream provided to the interface of the Department of State equipment. The circuit shall be supplied for the transmission of a multiplexed aggregate bit stream for telegraphic and data signals.	<p>Qus. - Bandwidth needs to be confirmed. Is the requirement for up to 20M or as per point 1.</p> <p>As for any change in the BW, there is feasibility required to be done foe support of that BW.</p> <p>Ans. - Bandwidth as per CLIN</p>
11	GFE consists of the following items: When required, the American Embassy will provide the fiber optic cross connect from the Embassy demarcation room to the ISC server room. The fiber optic cross connect will use SC fiber connectors. The Contractor’s equipment must patch to FO SC connectors.	<p>Qus. - As mentioned above bidder will like to mention that the interface will be as follows:</p> <ol style="list-style-type: none"> 1. Internet Leased Line – 100 Base Tx 2. Point to Point Ethernet (Layer-2) – 100 Base Tx 3. Point to Point Link (Layer-1) – G.703 <p>Bidder will like U.S. Embassy to confirm on this point.</p> <p>In case any fiber handoff is required, bidder will like to know the details – at</p>

		<p>which location these will be required.</p> <p><u>Ans. - Currently not required but can be asked of in the future if the end location changes to a distance of more than 90 meters from the ISP termination point</u></p>
1	<p>Page 15 CLIN 1: 6 MB Leased Line – New Delhi - Chennai</p> <p>Page 16 1. CLIN 1:1. 6 mbps Dedicated (Not shared or Bundled Internet Connection) 6. Latency < 40ms & 8. Packet loss <= 0.5% 10. 10/100 Fiber Optic to RJ45 Ethernet converter 9. Fiber Optic connection to ISC server room</p> <p>15. ISP must permit ping and trace route traffic from 169.252.0.0/16 and 169.253.0.0/16 to the ISP connection (RJ45 10/100BaseT router interface which terminates Customer VPN encryption device).</p>	<p><u>Qus.</u>As per information on Page 15 requirement in CLIN 1 is P2P Link. However as per requirements on page 16 requirements is dedicated Internet connection. Pls clarify if this requirement is a P2P link or Internet Link.</p> <p><u>Ans. - It is P2P link</u></p> <p>6. and 8. <u>Qus.</u> - We presume the requirement is P2P link. Please clarify if we can offer Ethernet Lease Line (L2 MPLS VPN) link for offering Latency SLA (<80ms) and Packet Loss SLA <1% -</p> <p><u>Ans.- No</u></p> <p><u>Qus.</u>For L1 CKT (TDM)- We request to delete Latency and Packet Loss SLA as we would not have access to Embassy CPE devices for measuring latency and Packet Loss –</p> <p><u>Ans. - can be measured from the ISP interface at premises</u></p> <p>9 & 10. <u>Qus.-</u> Please clarify that interface handoff required is Fast Ethernet (10/100) electrical handoff.</p> <p><u>Ans. - handoff is a RJ45 10/100</u></p> <p>15 <u>Qus.</u> In case of point to point ckt so this clause would not be applicable.</p> <p><u>Ans. - ISP must not block any protocols till the customer endpoint</u></p>

2	<p>page 15 CLIN 2: 6 MB Leased Line – New Delhi - Hyderabad</p> <p>Page 17</p> <p>1. CLIN 1:1. 6 mbps Dedicated (Not shared or Bundled Internet Connection)</p> <p>6. Latency < 30ms & 8. Packet loss <= 0.5%</p> <p>10. 10/100 Fiber Optic to RJ45 Ethernet converter</p> <p>9. Fiber Optic connection to ISC server room</p> <p>15. ISP must permit ping and trace route traffic from 169.252.0.0/16 and 169.253.0.0/16 to the ISP connection (RJ45 10/100BaseT router interface which terminates Customer VPN encryption device).</p>	<p>1. <u>Qus.</u> As per information on Page 15 requirement in CLIN 2 is P2P Link. However as per requirements on page 17 requirements is dedicated Internet connection. Pls clarify if this requirement is a P2P link or Internet Link.</p> <p><u>Ans. - P2P link</u></p> <p>6. and 8. We presume the requirement is P2P link. Please clarify if we can offer Ethernet Lease Line (L2 MPLS VPN) link for offering Latency SLA (<80ms) and Packet Loss SLA <1%</p> <p><u>Ans.- No</u></p> <p>For L1 CKT (TDM)- We request to delete Latency and Packet Loss SLA as we would not have access to Embassy CPE devices for measuring latency and Packet Loss</p> <p><u>Ans. - can be measured from the ISP interface at premises</u></p> <p>9 & 10. Please clarify that interface handoff required is Fast Ethernet (10/100) electrical handoff.</p> <p><u>Ans. - handoff is a RJ45 10/100</u></p> <p>15 In case of point to point ckt so this clause would not be applicable .</p> <p><u>Ans. - ISP must not block any protocols till the customer endpoint</u></p>
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3	<p>page 15 CLIN 3: 8 MB Leased Line – New Delhi – American Center, New Delhi</p> <p>Page 18 1. CLIN 1:1. 6 mbps Dedicated (Not shared or Bundled Internet Connection) 6. Latency < 6ms & 8. Packet loss <= 0.5% 10. 10/100 Fiber Optic to RJ45 Ethernet converter 9. Fiber Optic connection to ISC server room</p> <p>15. ISP must permit ping and trace route traffic from 169.252.0.0/16 and 169.253.0.0/16 to the ISP connection (RJ45 10/100BaseT router interface which terminates Customer VPN encryption device).</p>	<p>1. As per information on Page 15 requirement in CLIN 3 is P2P Link. However as per requirements on page 18 requirements is dedicated Internet connection. Pls clarify if this requirement is a P2P link or Internet Link.</p> <p><u>Ans. - P2P link</u></p> <p>6. and 8. We presume the requirement is P2P link. Please clarify if we can offer Ethernet Lease Line (L2 MPLS VPN) link for offering Latency SLA (<20ms) and Packet Loss SLA <1%</p> <p><u>Ans. - No</u></p> <p>For L1 CKT (TDM)- We request to delete Latency and Packet Loss SLA as we would not have access to Embassy CPE devices for measuring latency and Packet Loss</p> <p><u>Ans. - can be measured from the ISP interface at premises</u></p> <p>9 & 10. Please clarify that interface handoff required is Fast Ethernet (10/100) electrical handoff</p> <p><u>Ans. - RJ45 10/100</u></p> <p>15 In case of point to point ckt so this clause would not be applicable</p> <p><u>Ans. - ISP must not block any protocols till the customer endpoint</u></p>
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4	<p>page 15 CLIN 4: 2 MB Leased Line – New Delhi – American Center, New Delhi</p> <p>Page 19 1. 2 mbps circuit with 30 channels Dedicated E1 link Not shared or Bundled Internet Connection 7. Packet loss <= 0.5% 8. Fiber Optic connection to ISC server room 9. 10/100 Fiber Optic to RJ45 Ethernet converter</p> <p>14. ISP must permit ping and trace route traffic from 169.252.0.0/16 and 169.253.0.0/16 to the ISP connection (RJ45 10/100BaseT router interface which terminates Customer VPN encryption device).</p>	<p>1. As per information on Page 15 requirement in CLIN 4 is P2P Link. However as per requirements on page 19 requirements is dedicated Internet connection. Pls clarify if this requirement is a P2P link or Internet Link.</p> <p><u>Ans. - P2P Link</u></p> <p>7. For L1 CKT (E1 link with 30 channels)- We request to delete Packet Loss SLA as we would not have access to Embassy CPE devices for measuring latency / Packet Loss</p> <p><u>Ans. - an be measured from the ISP interface at premises.</u></p> <p>8 &9. Please clarify that interface handoff required is G.703</p> <p><u>Ans. - We need two copper pair Tx and Rx</u></p> <p>15 In case of point to point ckt so this clause would not be applicable</p> <p><u>Ans. - ISP must not block any protocols till the customer endpoint</u></p>
5	<p>Page 26 Downtime Credit shall be equal to the hourly or daily rate (as applicable) as identified in the schedule in Section B</p>	<p>Downtime Credit shall be <u>half</u> to the hourly or daily rate (as applicable) as identified in the schedule in Section B. The maximum capping shall be 5% of the rentals.</p> <p><u>Ans. – No capping is allowed.</u></p>
6	<p>Page 3 2.2 Pricing New Clause Required for Service Tax.</p>	<p>As nothing is provided for the Service Tax, so kindly clarify that whether the Service Tax shall be borne by Bidder or Customer (US Embassy).</p> <p><u>Ans. – USG shall provide service tax exemption certificate if service tax is applicable.</u></p>
7	<p>US Laws</p>	<p>All services will be provisioned as per DOT Licence and Laws applicable in India. US Laws are not applicable</p> <p><u>Ans. FAR & DOSAR clauses are applicable to this solicitation</u></p>